

**MSDS - Material Safety Data Sheet****Product Name: Furnace Cement****MSDS No.: 045020****Part Numbers Covered:**

045002	045007	045018	045028	045052	045105	045135	045158
045003	045014	045019	045045	045053	045106	045140	045160
045004	045015	045020	045047	045055	045108	045141	045168
045005	045016	045022	045050	045101	045110	045145	045170
045006	045017	045023	045051	045103	045125	045155	

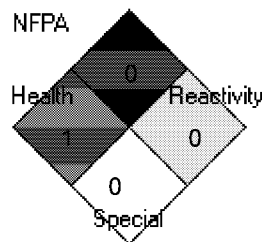
**I. Basic Information:**

**Manufacturer:** WILLIAM H. HARVEY COMPANY  
**Address:** 4334 SOUTH 67TH STREET  
**City, ST Zip:** OMAHA, NE 68117-1019

**Last Update:** 7/8/2002

**Chemical State:** ☐ Liquid ☐ Gas ☒ Solid

**Chemical Type:** ☐ Pure ☒ Mixture



1	Health
0	Flammability
0	Reactivity
	Pers. Protection

**II. Ingredients:**

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
1344098	AQUEOUS SOLUTION OF ALKALINE SODIUM SILICATE	NI						2 MG/M3	2 MG/M3	NI

**III. Hazardous Identification:****Hazard Category:**

☐ Acute ☐ Chronic ☐ Fire ☐ Pressure ☐ Reactive

**Hazardous Identification Information:**

NDA

**IV. First Aid Measures:****Route(s) of Entry:**

SKIN AND INGESTION

**Health Hazards (Acute and Chronic):**

ACUTE

**Signs and Symptoms:**

EYES: CAN CAUSE IRRITATION OR BURNS, CORNEAL DAMAGE POSSIBLE IF NOT TREATED!

SKIN: CAN CAUSE IRRITATION, MATERIAL IS HIGHLY ALKALINE

INGESTION: CAN IRRITATE MUCOUS MEMBRANES OF MOUTH, THROAT, AND STOMACH

**Medical Conditions Generally Aggravated by Exposure:**

SENSITIVE SKIN AREA AND OPEN SORES AND CUTS

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**Emergency and First Aid Procedures:**

EMERGENCY FIRST AID CALL: 1-303-623-5716 COLLECT

EYES: FLUSH WITH LARGE AMOUNTS OF WATER AND CONSULT A PHYSICIAN

SKIN: WASH WITH SOAP AND WATER

INGESTION: DO NOT INDUCE VOMITING; GIVE WATER AND CALL A PHYSICIAN

**Other Health Warnings:**

NI

## V. Fire Fighting Measures:

**Flash Point:** NI

**Lower Explosive Limit:** NI

**Upper Explosive Limit:**

**Fire Extinguishing Media:** NI. DOES NOT BURN.

**Special Fire Fighting Procedures:**

NI. FIRE RESISTANT; SIMILAR TO FIRE BRICK

**Unusual Fire and Explosion:**

NI

## VI. Accidental Release Measures:

**Steps to be Taken in Case Material is Released or Spilled:**

RECOVER SPILLED MATERIAL AND FLUSH SPILL AREA WITH WATER BEFORE SET UP; HARD MATERIAL MAY BE SCOOPED UP AND DISPOSED OF AS SOLID WASTE.

## VII. Handling and Storage:

**Precautions to be Taken:**

KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH EYES AND ANY PROLONGED CONTACT WITH SKIN. DO NOT TAKE INTERNALLY.

**Other Precautions:**

KEEP OUT OF REACH OF CHILDREN AND PETS!

## VIII. Exposure Controls/Personal Protection:

**Ventilation Requirements:**

NI

**Personal Protective Equipment:**

RECOMMEND USING RUBBER GLOVES, EYE PROTECTION AS NECESSARY TO PREVENT CONTACT, AND OTHER PROTECTIVE CLOTHING OR EQUIPMENT SUFFICIENT TO PREVENT SKIN FROM CONTACT. USE NORMAL GOOD SAFETY AND HEALTH PROCEDURES; REMOVE ANY CONTAMINATED CLOTHING IMMEDIATELY AND LAUNDER BEFORE RE-USE.

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## IX. Physical and Chemical Properties:

**Boiling Point:** 216 F D      **Melting Point:** NI      **Evaporation Rate:** NI  
**Vapor Pressure (mm Hg.):** NI      **Vapor Density (AIR = 1):** NI  
**Solubility In Water:** 100% DILUTABLE  
**Appearance and Odor:** FIBROUS GRAY TO BLACK PASTE WITH LI  
**Other Information:**

## X. Stability and Reactivity:

**Stability:**  
STABLE  
  
**Incompatibility (Materials to Avoid):**  
MATERIAL IS ALKALINE, AVOID CONTACT WITH ACIDS  
  
**Decomposition/By Products:**  
NI  
  
**Hazardous Polymerization:**  
WILL NOT OCCUR

## XI. Toxicological Information:

NDA

## XII. Ecological Information:

NDA

## XIII. Disposal Considerations:

DISPOSE OF WASTE MATERIAL ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

## XIV. Transport Information:

TRANSPORATION INFORMATION:  
  
DOT PROPER SHIPPING NAME: FURNACE CEMENT  
DOT LABEL: NON-FLAMMABLE  
DOT NUMBER: N/A  
UN NUMBER: N/A  
IMCO CLASS: N/A  
DOT HAZARD CLASSIFICATION: N/A

## XV. Regulatory Information:

NDA

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***XVI. Other Information:***

### **ABBREVIATIONS:**

N/A = NOT APPLICABLE N/I = NONE INDICATED NDA = NO DATA AVAILABLE  
N/E = NOT ESTABLISHED C = CELSIUS DEGREES F = FAHRENHEIT DEGREES

### **DISCLAIMER:**

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